**Homework 59 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Similar Polygons Period \_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Failure to show all work and write in complete sentences will result in LaSalle!

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| **1.** |

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| **2. List all pairs of congruent angles for the figure below. Then write the ratios of the corresponding sides in a statement of proportionality.** | **3. Determine if the polygons are similar. If they are, write a similarity statement and find the scale factor.** |